

To: Phillips, David[Phillips.David@epa.gov]
From: Shell, Karrie-Jo
Sent: Tue 4/10/2018 7:26:53 PM
Subject: FW: Steam Electric Power Generation
MAIL_RECEIVED: Tue 4/10/2018 7:26:00 PM

fyi

Karrie-Jo Robinson-Shell, P.E.

Environmental Engineer

US EPA Region 4

Water Protection Division

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(404) 562-9308

From: Wilson, Scott
Sent: Tuesday, April 10, 2018 2:30 PM
To: Shell, Karrie-Jo <Shell.Karrie-Jo@epa.gov>; Balentine, Joshua
<Joshua.Balentine@memphistn.gov>; Pickrel, Jan <Pickrel.Jan@epa.gov>
Cc: Laurel Rognstad <Laurel.Rognstad@tn.gov>; Jordan, Ronald <Jordan.Ronald@epa.gov>;
Ramach, Sean <Ramach.Sean@epa.gov>
Subject: RE: Steam Electric Power Generation

It seems like we are all on the same page and TVA would demonstrate compliance using mass balance equations as mentioned in the preamble.

Thanks for bringing that up Karrie-Jo.

Scott Wilson

Energy Permitting Coordinator

Industrial Permits Branch

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From: Shell, Karrie-Jo

Sent: Tuesday, April 10, 2018 2:17 PM

To: Balentine, Joshua <Joshua.Balentine@memphistn.gov>; Wilson, Scott <Wilson.Js@epa.gov>; Pickrel, Jan <Pickrel.Jan@epa.gov>

Cc: Laurel Rognstad <Laurel.Rognstad@tn.gov>; Jordan, Ronald <Jordan.Ronald@epa.gov>; Ramach, Sean <Ramach.Sean@epa.gov>

Subject: RE: Steam Electric Power Generation

See the first column, 3 full paragraph of the preamble to the 1982 SE regs.

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From: Balentine, Joshua [mailto:Joshua.Balentine@memphistn.gov]
Sent: Tuesday, April 10, 2018 2:05 PM
To: Wilson, Scott <Wilson.Js@epa.gov>; Pickrel, Jan <Pickrel.Jan@epa.gov>
Cc: Laurel Rognstad <Laurel.Rognstad@tn.gov>; Jordan, Ronald <Jordan.Ronald@epa.gov>;
Shell, Karrie-Jo <Shell.Karrie-Jo@epa.gov>; Ramach, Sean <Ramach.Sean@epa.gov>
Subject: RE: Steam Electric Power Generation

Scott and Jan,

I have a quick question for you that may alleviate all of the questions surrounding my original inquiry. I have spoken with **TVA** and they interpret the regulation at 40 CFR 423.17(b) in the following way:

A steam electric power generation plant can discharge priority pollutants from the cooling towers, but the priority pollutants can't originate from the chemicals used for cooling tower maintenance.

I originally did not interpret the rule that way, and believed that there can be no discharge of priority pollutants from the cooling towers. I think maybe the answer to this would help in determining if we even need to go any further in determining an approach for permitting and compliance.

Thanks for your help and insight into this.

Joshua Balentine

Industrial Monitoring Manager

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From: Laurel Rognstad [<mailto:Laurel.Rognstad@tn.gov>]

Sent: Tuesday, April 03, 2018 8:50 AM

To: Wilson, Scott; Jordan, Ronald; Shell, Karrie-Jo; Ramach, Sean; Pickrel, Jan; Balentine, Joshua

Subject: RE: Steam Electric Power Generation

Hi Scott.

Thank you for looking into this. I've added Joshua Balentine, Memphis's Industrial Monitoring Manager, to this email. He should be able to answer your questions much better than I can.



Laurel Rognstad | State Pretreatment Coordinator

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